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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial No. 10/702,378

Downs et al.

SPARK PLUG WITH GROUND  
ELECTRODE FIRING TIP

Filed: November 5, 2003

Group Art Unit: n/a

Examiner: n/a

**CERTIFICATE OF MAILING**

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Theresa A. Kayl

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. 1.97(b))**

Assistant Commissioner for Patents  
Washington, D.C. 20231


Dear Sir:

Transmitted herewith for filing with the above-identified application before the mailing of a first Office Action on the merits is an Information Disclosure Statement by Applicant (Form PTO-1449).

Applicants believe that no fee is due; however, the Commissioner is hereby authorized to charge any deficiencies associated with this communication to Deposit Account No. 06-0420.

Respectfully submitted,

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Date: August 20, 2004  
JDS/tak  
Encl.



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/702,378
Filing Date	November 5, 2003
First Named Inventor	Downs et al.
Art Unit	
Examiner Name	
Attorney Docket Number	FMO P-3745-2

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 4,670,684	06/02/1987	Kagawa et al.	
		US- 4,771,210	09/13/1988	Mohle et al.	
		US- 4,743,793	05/10/1988	Toya et al.	
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		US-			
		US-			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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